

SECTION 10 5113

METAL LOCKERS

LANL MASTER SPECIFICATION

When editing to suit project, author shall add job-specific requirements and delete only those portions that in no way apply to the activity (e.g., a component that does not apply). To seek a variance from applicable requirements, contact the ESM Architectural POC.

When assembling a specification package, include applicable specifications from all Divisions, especially Division 1, General Requirements.

Delete information within "stars" during editing.

Specification developed for ML-3 projects. For ML-1 / ML-2, additional requirements and QA reviews are required.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Locker units with hinged doors
- B. Metal bases, tops and filler panels

1.2 SUBMITTALS

- A. Submit the following in accordance with the requirements of Section 01 3300.
 - 1. Catalog data indicating locker types, sizes and accessories.
 - 2. Color chart indicating manufacturer's standard colors.
 - 3. Manufacturer's installation instructions.
 - 4. Shop drawing indicating locker plan layout.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. DeBourgh Manufacturing, Varsity Series
- B. Interior/Medart, Fortress Series
- C. Lyon Metal Products, Inc., Industrial Series

2.2 MATERIALS

- A. Use mild, cold rolled and leveled unfinished sheet steel, with the following thicknesses:

1. Body sides and bottoms: 16 gage
2. Body back: 18 gage
3. Door: 14 gage
4. Door frame: 16 gage
5. Sloping top: 14 gage

2.3 ACCESSORIES

- A. Provide for each locker:
1. Two double prong coat hooks
 2. Hat shelf
 3. Rubber bumpers
 4. Combination lock

2.4 FABRICATION

- A. Locker units
1. Width: [12 15 18] inches
 2. Depth: [12 15 18] inches
 3. Height: 72 inches
 4. Mounting: [Surface mounted Freestanding }
 5. Base: 4 inch high metal
 6. Top: sloping metal with closures
 7. Ventilation method: louvers at top and bottom of doors
- B. Locker body: Formed and flanged, with steel stiffener ribs, electric spot welded
- C. Frames: Formed channel or angle shapes, welded and ground flush, welded to body.
- D. Doors: Formed steel panel, channel reinforced frame, grind and finish edges
- E. Hinges: Three butt hinges per door, welded to door and body
- F. Latch: Recessed, with combination lock

2.5 FINISHES

- A. Clean, degrease and neutralize metal, prime and apply 2 coats of baked enamel.
- B. Paint bodies and doors in contrasting colors.
- C. Door colors to be as selected from manufacturer's standard colors.

PART 3 EXECUTION

3.1 INSPECTION

- A. Verify that project is ready to receive work of this Section.
- B. [Verify that bases are correctly sized and configured.]

3.2 INSTALLATION

- A. Install according to manufacturer's installation instructions.
- B. Install lockers plumb and square.
- C. Secure lockers with fasteners appropriate for substrate.
- D. Bolt adjoining locker units together to provide a rigid installation.
- E. Install end panels, filler panels and sloping tops.
- F. Install accessories.

3.3 CLEANING

- A. Clean locker interior and exterior surfaces.

END OF SECTION

Do not delete the following reference information:

FOR LANL USE ONLY

This project specification is based on LANL Master Specification 10 5113 Rev. 0, dated January 6, 2006.